

FRONT PANEL:

1. (Mic) INPUT: This is a balanced XLR input for connecting a dynamic microphone. This can be a vocal mic to sing into while you play, or alternatively an instrument mic to amplify an all-acoustic instrument that does not feature an onboard preamp system. You may also use this input to connect an electro-acoustic instrument with a balanced output signal.

2. (Mic) LEVEL: This control determines the output volume of the sound picked up by a microphone, if one is used.

3. (Guitar) INPUT: This is a 1/4" (Ø 6.3 mm) input jack socket for plugging in an electro-acoustic instrument. We recommend that you always use a high-quality shielded guitar cable to prevent any background noise interference or unwanted feedback.

4. (Guitar) LEVEL: This control determines the output volume of any instrument plugged into the amplifier via the guitar input jack.

5. PASSIVE/ACTIVE SWITCH: This switch enables the user to choose between passive and active modes according to whether the instrument connected is passive (without preamp) or active (with preamp).

6. TREBLE: This control determines the level of high frequencies in the output signal. Adding TREBLE will make your guitar sound brighter and sharper.

7. MID: This control determines the level of middle frequencies in the output signal. Adding MID will make your guitar sound rounder and fuller.

8. PARAMETRIC MID: This control allows you to fine tune your guitar sound by cutting or boosting the mid frequency parameters of the output signal. At a low level, the PARAMETRIC MID control will emphasize the lower mids, while increasing the level will bring out the upper mids. The PARAMETRIC MID control can help you explore a wide variety of different guitar tones.

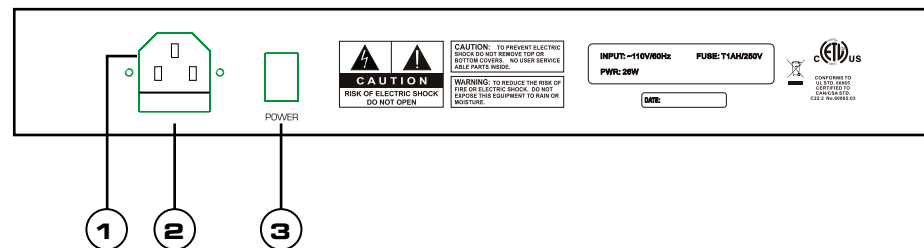
9. BASS: This control determines the level of low frequencies in the output signal. Adding BASS will make your guitar sound warmer and heavier.

10. SPRING REVERB: This is the reverb intensity control. This controls the amount of reverb that is added back to the original dry signal. Adding REVERB will produce a reverberation effect in your instrument sound, as though you were playing in a large hall. A little can go a long way in adding that special depth to your sound. If engaged, the reverb is always active in both microphone and guitar channels.

11. CD/MP3 INPUT: This is a line level 1/4" (Ø 6.3 mm) stereo jack into which an MP3/CD/Tape player may be connected.

12. PHONES: This is a 1/4" (Ø 6.3 mm) stereo jack output to connect the headphones. When headphones are connected, no sound is produced from the speaker.

13. POWER LED: When this red LED is lit, the amplifier is ready to work. When it is off, it means the amplifier is powered off.



BACK PANEL:

WARNING: This amplifier must be earthed. Please check that the supply voltage details given on the rating label (located on the rear panel) are in accordance with your electricity supply.

① MAINS INPUT: This is the input socket into which the mains power cable must be connected. This amplifier is supplied with a power cable with a moulded-on plug. If the socket outlets in the home are not suitable for this plug, use an appropriate plug adapter that can handle the power required for the amplifier.

② POWER FUSE: In the event of the power fuse having to be replaced, first unplug the power cable from the mains outlet. Then remove the fuse cover and replace the power fuse with another fuse of the same type and value. Never plug the power cable back into the mains outlet without the fuse cover. If the power fuse blows up again when powering on the amplifier, take the apparatus to a suitable service centre for repair.

③ POWER SWITCH: This switch turns the amplifier on or off.

| TECHNICAL SPECIFICATIONS | |
|---------------------------------------|---|
| Max. Rated Power / Loudspeaker | 20 Watts RMS @ 4 Ohms load/ 8" Speaker w/ Coaxial Tweeter |
| Frequency Response | 70 Hz to 12 kHz |
| Total Harmonic Distortion | 0.2% |
| Signal to Noise Ratio | - 64 dB @ max Rated Power |
| Input Impedance | 180k Ohms |
| Power Consumption | 35 Watts max |
| Maximum Input Level | 40 mV (RMS) |
| Maximum Gain | 46 dB (@ 1kHz) |
| Dimensions (H x W x D) | 37 x 40.5 x 20 cm / 14.6 x 16 x 7.9 in. |
| Weight | 9.2 kg / 20.3 lb |

Features and Specifications are subject to change without notice.

INSTRUCTIONS FOR USE:

Plug the mains lead into a suitable power socket and connect your instrument to the input socket of the amplifier with a suitable guitar lead (this lead is not supplied with the amplifier, but is normally supplied with the electric guitar). Finally, press the Power Switch to the ON position, the power LED will glow and your amplifier is ready for use.

IMPORTANT SAFETY INSTRUCTIONS:

- 1• Read all instructions carefully
- 2• Keep this instruction manual for future reference
- 3• Please follow all instructions and heed all precautions as stated
- 4• Do not use this apparatus on or near water
- 5• Always use a polarized, grounded plug as supplied. A grounded plug has two blades and a third grounding prong. The wide blade, or third prong, is provided for your safety. Do not compromise the integrity of its safety purpose by altering or modify this plug in any way. If the provided plug does not fit into your mains outlet, consult a qualified electrician for replacement of the obsolete outlet.
- 6• Protect the power cable from being walked on, particularly at the mains socket or at the point of connection to the apparatus.
- 7• Only use attachments or accessories that are specified by the manufacturer.
- 8• Always unplug the device when leaving it unused for an extended period of time, or in the event of a thunderstorm.
- 9• Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, particularly the plug or power cable, liquids spilled or foreign objects dropped into the apparatus, or if the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- 10• The apparatus should be connected to a mains socket outlet with a protective earthing connection.
- 11• The mains plug is used to connect or disconnect the device. By maintaining the apparatus connected to the mains, it shall remain readily operational.

MARKING & CONFORMITY:

1. The «C (ETL) US» mark on this product means it conforms to the safety and performance standards (UL 60065 and CSA C22.2 n°60065:03) accepted throughout the United States and Canada.
2. The «Crossed-out Wheeled Bin» is to draw your attention to the WEEE (Waste Electric & Electronic Equipment) Directive (2002/96/EC). It means this apparatus should be collected separately for recycling.
3. «RoHS compliant» means this device conforms to the Directive (2002/95EC) on the restriction of the use of certain hazardous substances in electrical and electronic equipments, such as: Mercury, Lead, Cadmium, Hexavalent Chromium, Polybrominated Buphenyl (PBB) and Polybrominated Diphenyl Esthers (PBDE).

DISTRIBUTOR/DEALER



EMD MUSIC 01-2008-USA



USER'S MANUAL



ACOUSTIC GUITAR AMPLIFIER

W/ SPRING REVERB - 20 AA R USA